

2624
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TRANSMITTAL FORM

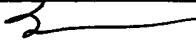
(to be used for all correspondence after initial filing)

| | | | |
|--|----|------------------------|-----------------|
| | | Application No. | 09/597,861 |
| | | Filing Date | June 20, 2000 |
| | | First Named Inventor | Maya Rani Gupta |
| | | Art Unit | 2624 |
| | | Examiner Name | Tommy D. Lee |
| Total Number of Pages in This Submission | 15 | Attorney Docket Number | 74451P116 |

ENCLOSURES (check all that apply)

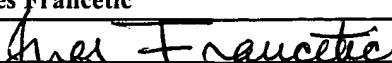
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| <input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; min-height: 40px;"> Return Receipt Postcard, Seven (7) Cited References </div> |
| | | Remarks |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|---|
| Firm or Individual name | Michael J. Mallie, Reg. No. 36,591 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP |
| Signature |  |
| Date | September 20, 2004 |

CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

| | |
|-----------------------|---|
| Typed or printed name | Ines Francetic |
| Signature |  |
| Date | September 20, 2004 |



FEES TRANSMITTAL for FY 2004

Effective 10/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$)
180.00

| Complete if Known | |
|----------------------|-----------------|
| Application Number | 09/597,861 |
| Filing Date | June 20, 2000 |
| First Named Inventor | Maya Rani Gupta |
| Examiner Name | Tommy D. Lee |
| Art Unit | 2624 |
| Attorney Docket No. | 74451P116 |

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account

Deposit Account Number **02-2666**

Deposit Account Name **Blakely, Sokoloff, Taylor & Zafman LLP**

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1001 | 770 | 2001 | 385 | Utility filing fee | |
| 1002 | 340 | 2002 | 170 | Design filing fee | |
| 1003 | 530 | 2003 | 265 | Plant filing fee | |
| 1004 | 770 | 2004 | 385 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | (\$) | | | |

2. EXTRA CLAIM FEES

| Total Claims | Independent Claims | Extra Claims | Fee from below | Fee Paid |
|--------------|--------------------|--------------|----------------|------------------|
| | | 20* = | 0 | X 18.00 = \$0.00 |
| | | 3* = | 0 | X 86.00 = \$0.00 |
| | | | | |

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|---|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 | |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 | |
| 1203 | 290 | 2203 | 145 | Multiple Dependent claim, if not paid | |
| 1204 | 86 | 2204 | 43 | **Reissue independent claims over original patent | |
| 1205 | 18 | 2205 | 9 | **Reissue claims in excess of 20 and over original patent | |
| SUBTOTAL (2) | | (\$) | | | 0.00 |

****or number previously paid, if greater, For Reissues, see below**

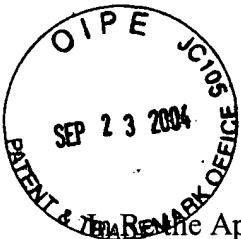
3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|-----------------------------------|--------------|-----------------|---|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) |
| 1051 | 130 | 2051 | 65 Surcharge - late filing fee or oath |
| 1052 | 50 | 2052 | 25 Surcharge - late provisional filing fee or cover sheet. |
| 2053 | 130 | 2053 | 130 Non-English specification |
| 1812 | 2,520 | 1812 | 2,520 For filing a request for ex parte reexamination |
| 1804 | 920* | 1804 | 920* Requesting publication of SIR prior to Examiner action |
| 1805 | 1,840* | 1805 | 1,840* Requesting publication of SIR after Examiner action |
| 1251 | 110 | 2251 | 55 Extension for reply within first month |
| 1252 | 420 | 2252 | 210 Extension for reply within second month |
| 1253 | 950 | 2253 | 475 Extension for reply within third month |
| 1254 | 1,480 | 2254 | 740 Extension for reply within fourth month |
| 1255 | 2,010 | 2255 | 1,005 Extension for reply within fifth month |
| 1404 | 330 | 2401 | 165 Notice of Appeal |
| 1402 | 330 | 2402 | 165 Filing a brief in support of an appeal |
| 1403 | 290 | 2403 | 145 Request for oral hearing |
| 1451 | 1,510 | 2451 | 1,510 Petition to institute a public use proceeding |
| 1452 | 110 | 2452 | 55 Petition to revive - unavoidable |
| 1453 | 1,330 | 2453 | 665 Petition to revive - unintentional |
| 1501 | 1,330 | 2501 | 665 Utility issue fee (or reissue) |
| 1502 | 480 | 2502 | 240 Design issue fee |
| 1503 | 640 | 2503 | 320 Plant issue fee |
| 1460 | 130 | 2460 | 130 Petitions to the Commissioner |
| 1807 | 50 | 1807 | 50 Prosessing fee under 37 CFR 1.17(q) |
| 1806 | 180 | 1806 | 180 Submission of Information Disclosure Stmt |
| 8021 | 40 | 8021 | 40 Recording each patent assignment per property (times number of properties) |
| 1809 | 770 | 1809 | 385 Filing a submission after final rejection (37 CFR § 1.129(a)) |
| 1810 | 770 | 2810 | 385 For each additional invention to be examined (37 CFR § 1.129(b)) |
| 1801 | 770 | 2801 | 385 Request for Continued Examination (RCE) |
| 1802 | 900 | 1802 | 900 Request for expedited examination of a design application |
| Other fee (specify) | | | |
| *Reduced by Basic Filing Fee Paid | | | |
| SUBTOTAL (3) | | (\$) | |
| | | 180.00 | |

Complete (if applicable)

| | | | | | |
|-------------------|-------------------|-----------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Michael J. Mallie | Registration No. (Attorney/Agent) | 36,591 | Telephone | (408) 720-8300 |
| Signature | | | | Date | 09/20/04 |

Based on PTO/SB/17 (10-03) as modified by Blakely, Solokoff, Taylor & Zafman (w/r) 02/10/2004.
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



Docket No.: 74451P116

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

The Application of:

MAYA RANI GUPTA, ET AL.

Application No.: 09/597,861

Filed: June 20, 2000

For: **A BLOCK QUANTIZATION METHOD
FOR COLOR HALFTONING**

Art Group: 2624

Examiner: Tommy D. Lee

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). This IDS and IDS Citation Form are being submitted before the mailing of a final Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

09/24/2004 BABRAHAI 00000027 09597861

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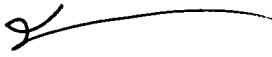
The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

The fee set in the amount of \$180.00 for submission of the Information Disclosure Statement is enclosed herewith. Please charge any additional fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

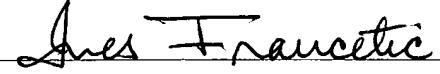
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: September 20, 2004


Michael J. Mallie, Reg. No. 36,591

12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025
Telephone: (408) 720-8300

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Ines Francetic 09-20-04
Ines Francetic Date



| | | | | | |
|--|------------------------|-----------------|--|---------------------------------|--|
| <p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p> | | | | <p>Complete if Known</p> | |
| <p style="writing-mode: vertical-rl; transform: rotate(180deg);">SCT Sheet 1 of 2</p> | Application Number | 09/597,861 | | | |
| | Filing Date | June 20, 2000 | | | |
| | First Named Inventor | Maya Rani Gupta | | | |
| | Art Unit | 2624 | | | |
| | Examiner Name | Tommy D. Lee | | | |
| | Attorney Docket Number | 74451P116 | | | |

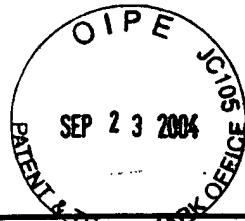
| | | | |
|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003.

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet **2** of **2**

Complete if Known

| | |
|------------------------|-----------------|
| Application Number | 09/597,861 |
| Filing Date | June 20, 2000 |
| First Named Inventor | Maya Rani Gupta |
| Art Unit | 2624 |
| Examiner Name | Tommy D. Lee |
| Attorney Docket Number | 74451P116 |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|-----------------------|---|----------------|
| A | | FLOYD, ROBERT ET AL., ""4.3: An Adaptive Algorithm for Spatial Grey Scale," SID 75 Digest, pp. 36-37, Stanford University, Stanford, CA, U.S.A. | |
| B | | OSTROMOUKHOV, V. ET AL., "Structure Artifact Free Multi-Level Error Diffusion Algorithm," Electronic Imaging: Processing, Printing, and Publishing in Color, May 1988, pp. 215-219, SPIE Vol. 3409, The International Society for Optical Engineering, Zurich, Switzerland. | |
| C | | AKARUN, LALE ET AL., "New Methods for Dithering of Color Images," pp. 523-526, Istanbul, Turkey. | |
| D | | BREAUX, NANCY A., "Wavelet Methods for Compression, Rendering, and Descreening in Digital Halftoning, Wavelet Applications IV, 22-24 April 1997, pp. 656-667. SPIE Vol. 2657, The International Society for Optical Engineering, Orlando, Florida, U.S.A. | |
| E | | WONG, PING WAH, "Halftoning by Multiscale Dot Distribution," 1995, 0-8186-7310-9/95, IEEE, Palo Alto, CA, U.S.A. | |
| F | | WONG, PING WAH, "Mean Matching Halftoning on a Rotated Quad-Tree Structure," Human Vision and Electronic Imaging, 29 January - 1 February 1996, pp. 448-455, SPIE Vol. 2657, The International Society for Optical Engineering, San Jose, CA, U.S.A. | |
| G | | NILSSON, FREDRIK, "Objective Quality Measures for Halftoned Images, J. Opt. Soc. Am. A, 1999, pp. 2151-2162, Vol. 16, No. 9, Optical Society of America, U.S.A. | |
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|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

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